

SIMONDS

Wood Cutting Tools

Eide Saw Co.

300 N. WASHINGTON AVENUE
MINNEAPOLIS, MINN. 55401

Phone: (612) 333-4441

SIMONDS
SAW AND STEEL

DIVISION
WALLACE-MURRAY CORPORATION



SIMONDS
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FITCHBURG, MASS.

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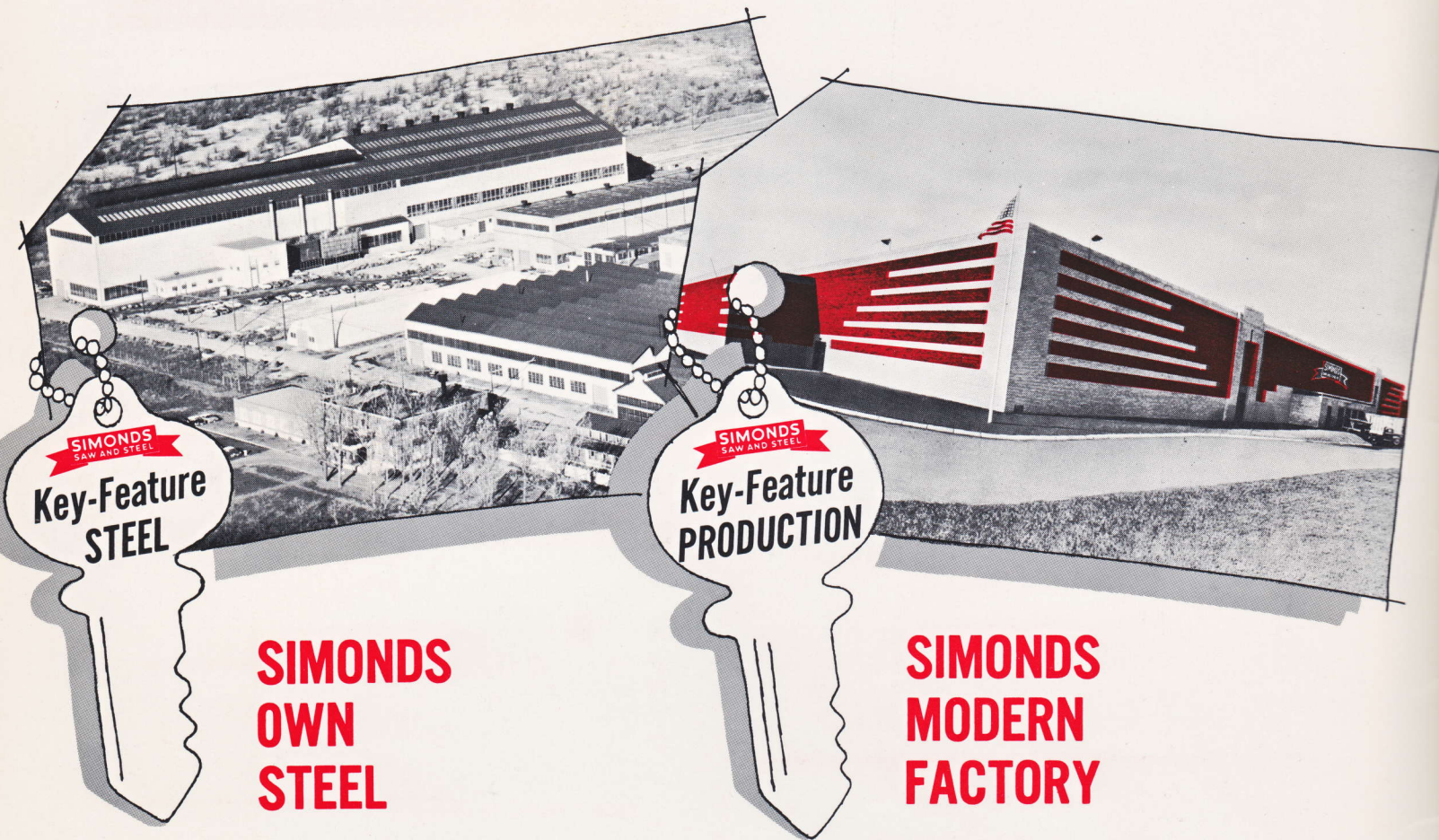
SIMONDS
SAW AND STEEL
DIVISION
WALLACE-MURRAY CORPORATION
FITCHBURG, MASS.

RED STREAK.



Simonds Key-Feature Products

Unlock the Real Savings Only Quality Can Bring



SIMONDS
SAW AND STEEL
**Key-Feature
STEEL**

SIMONDS
SAW AND STEEL
**Key-Feature
PRODUCTION**

**SIMONDS
OWN
STEEL**

**SIMONDS
MODERN
FACTORY**

Simonds Quality starts with Simonds Steel . . . tough, electric furnace steel that is poured, rolled and forged in Simonds own mill under the close supervision of trained metallurgists . . . steel that must be exactly right in content, grain structure and wear-resistant qualities for the intended use.

At Simonds world-famous "controlled conditions" plant, skilled workmen using special methods and

equipment for machining, heat-treating, grinding, and finishing transform this quality-proven steel into precision cutting tools that have a reputation for outstanding quality, performance and dependability.

Our men, backed by Simonds factory-trained local Representatives, are "on call" whenever needed to help with your particular job . . . offer you the benefit of their wide experience in the metalworking field.

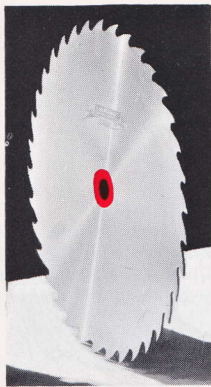
SIMONDS
SAW AND STEEL

SIMONDS SAW AND STEEL

DIVISION WALLACE-MURRAY CORPORATION

FITCHBURG, MASSACHUSETTS

FACTORY BRANCHES IN UNION, N. J., CHICAGO, SHREVEPORT, LA., LOS ANGELES, SAN FRANCISCO AND PORTLAND, ORE.



RIP OR SPLITTING

Designed for ripping only (cutting with the grain) this is a standard type saw for cutting all kinds of wood. It is flat ground with teeth set for clearance. The Style "A" teeth have large round gullets with ample sawdust capacity and plenty of hook for fast cutting. For use on all types of machines in sawmills, planing mills, furniture factories and woodworking plants.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth
6"	17	36
7	13	20
8	16	36
8	18	36
8	17	36

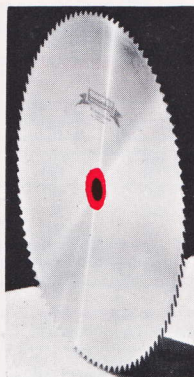
Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
9"	16	36	16"	14	30-36-40
10	12	24-30	18	7	24
10	13	30	18	8	24
10	14	30-36	18	10	30-36
10	16	36	18	12	30-36
12	10	24-30	18	13	30-36
12	12	24-30-36	20	7	30
12	13	24-36	20	8	24
12	14	24-30-36	20	12	36
14	10	20-24-30-36	20	13	36
14	11	24-30-36	22	8	30
14	12	24-30-36	22	12	36
14	13	24-30-36	24	7	30
14	14	30-36-44	24	10	36
16	10	30-36	24	11	36
16	12	24-30-36	30	10	36
16	13	30-36			

CUT-OFF OR CROSS-CUT

This is the standard type saw for general cross-cut work (cutting across the grain). It is flat ground with teeth set for clearance. The teeth have an alternate bevel for fast, smooth cutting off. Adaptable for use on all types of machines, this saw works well in all types of wood, plywood, wallboard and composition materials.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth
6"	17	100
8	17	100-150
9	16	100
10	16	100-150
12	12	100
12	14	70-100-150



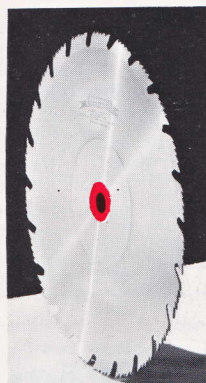
Diam.	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
14"	13	80-100	22"	10	60-70
14	14	60-80-100-150	22	12	70
16	12	60-80-100	24	9	70
16	13	60-80-100-150	24	10	70-100
16	14	60-80-100-150-200	24	11	70
18	10	80	26	10	70
18	12	60-80-100	28	10	70
18	13	60-80-100	30	9	70
20	10	70-100	30	10	70
20	12	60-70	32	10	70
20	13	80			

PLANER (Hollow Ground Comb.)

Simonds Planer Saw is the smoothest cutting combination saw on the market. It eliminates sanding. Our method of hollow grinding provides plenty of clearance for very smooth cutting in any direction of the wood and fast hand feeding without gumming or overheating. This is a good saw for cutting interior trim and can be used on all machines.

POPULAR STANDARD SIZES

Diameter	Gauge	Diameter	Gauge
6"	16-19-16	12"	12-15-12
7	14-17-14	14	11-14-11
8	14-17-14	16	11-14-11
9	14-17-14	18	10-13-10
10	13-16-13	20	10-13-10



STANDARD CENTER HOLE SIZES

Saws furnished with any size hole. Standard hole sizes for different diameters are as follows: 6" - 1/2", 8", 10" - 5/8", 12", 14", 16" - 1".

SIMONDS

"RED CENTER" CIRCULAR SAWS

Special electric furnace alloy steel from Simonds own mill plus scientific heat-treating, precision grinding and expert fitting are the reasons why Simonds "Red-Center" Saws stay sharp longer, hold tension, cut straight and fast . . . give long trouble-free service in all types of cutting.

Larger diameters and saws of other specifications promptly furnished.

NO. 52 COMBINATION

This is an ideal combination saw for radial arm machines where one saw is required to rip, cut off and miter. It is designed so that each section has two cutting teeth and a raker and is particularly adapted for easy feeding and fast cutting. Flat ground with teeth set for clearance, this saw works best on radial arm machines and saw tables.

POPULAR STANDARD SIZES

Diameter	Gauge	Diameter	Gauge
8"	17	18"	11
9	16	18	12
10	16	20	9
12	14	20	12
14	14	22	8
16	13		



NO. 54 COMBINATION

This combination saw is flat ground with teeth set for clearance and will give a relatively smooth cut when ripping, cutting off or mitering. It has four cutting teeth to each raker. The extra hook in the raker makes this a fast cutting saw. It is ideal for sawing plywood. For use on all types of machines.

POPULAR STANDARD SIZES

Diameter	Gauge	Diameter	Gauge
6"	18	12"	14
7	18	14	13
8	17	16	13
9	16	18	12
10	16		

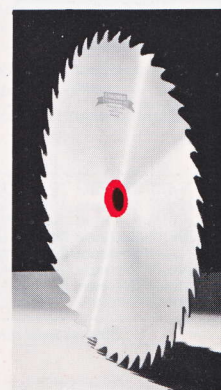


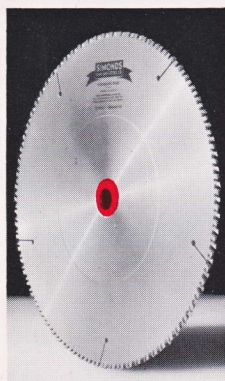
NO. 60 COMBINATION

Fastest cutting of the various combination saws, this is also the most widely used. As a general purpose saw on electric handsaw machines, it cannot be equalled for cutting both with and across the grain. Flat ground with teeth set for clearance, this is the easiest combination saw to sharpen. For use on all types of machines.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth
6"	18	44
7	18	44
8	17	44
9	16	44
10	16	44
12	14	44
14	14	44
14	13	44
16	13	44
18	12	44



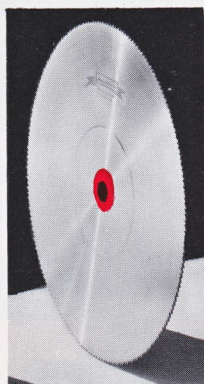


No. 66 Plywood (Combination)

Trims or cuts off plywood smoothly across the grain without splinters or slivers on the top or bottom of the cut. It also rips and mitres plywood so smoothly that no further finishing is necessary. Each saw is clearance ground two full gauges on each side to insure easy feeding with no binding. New, easy-to-sharpen tooth style has extra strength and ample hook for fast hand feed use on table, radial arm and swing saws.

POPULAR STANDARD SIZES

Made in 8", 10", 12", 14" and 16" diameters in one standard thickness and number of teeth per diameter, saws are available from stock with any desired size centerhole.



MITRE (Hollow Ground Cut-Off)

Mitre Saws are hollow ground cut-off saws with pitched-to-center teeth. They are used principally for cutting off and mitering on light stock, such as cabinetwork and cigar-box work, but are not recommended for heavy cutting. They leave a smooth finished surface which will not require sanding.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth
6"	16-19-16	150
7	16-19-16	150
8	15-18-15	150
10	14-17-14	150
12	13-16-13	150
14	12-15-12	200
16	12-15-12	200
18	11-14-11	200



DADO HEAD

Designed to cut smooth, clean grooves in any direction of the wood, Simonds Dado Heads are made up of two outside Dado Saws and a number of inside cutters or fillers determined by the width of groove desired. Outside saws are accurately scarfed for clearance. Fillers are uniformly swaged and jointed. Furnished in sets for use on all types of machines. Each set is packed separately in a wooden box.

POPULAR STANDARD SIZES

Dia. Hole	Dia. Hole	Dia. Hole
5" 1/2"	8" 1/2-5/8-1"	12" 1-1 1/8"
6 1/2-5/8	9 3/4-1	14 1
7 1/2	10 5/8-1-1 1/8	16 1

POPULAR STANDARD SETS

		Outside Saws		Fillers	
		1/16	1/8	1/4	
No. 1 Set cuts	1/8 to 7/16	2	1	1	
No. 2 Set cuts	1/8 to 9/16	2	1	1	1
No. 3 Set cuts	1/8 to 1 1/16	2	1	2	1
No. 4 Set cuts	1/8 to 1 1/8	2	1	2	2
No. 5 Set cuts	1/8 to 1 1/4	2	1	2	4
No. 6 Set cuts	1/8 to 1 1/2	2	1	2	6
No. 7 Set cuts	1/8 to 1 3/4	2	1	2	10
No. 8 Set cuts	1/8 to 2	2	1	2	14

Special sets made up to cut from 4 to 8 inches wide.

... for SAW MILLS

SMOOTH TRIMMER (Hollow Ground)

Smooth end trimming can best be accomplished by using Simonds Smooth Trimmer Saw, especially designed to cut off and trim smoothly. It is hollow ground for side clearance and the teeth have a 45-degree bevel and plenty of hook to make a smooth, clean cut. No splinters or slivers are left on the bottom of the cut. For hand or power feed operations.

POPULAR STANDARD SIZES

Hand Feed			Power Feed		
Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
8"	14-18-14	100	18"	(Dry Lumber)	150
10	13-17-13	100	20	8-12-8	160
12	12-16-12	120-150	22	7-11-7	180
14	11-15-11	120-150-170	24	6-10-6	180
16	10-14-10	130		(Green Lumber)	
18	9-13-9	150	18"	8-13-8	90
20	8-12-8	160	20	7-12-7	100
22	7-11-7	180	22	6-11-6	140
24	6-10-6	180	24	6-11-6	120

FLAT GROUND TRIMMER

This heavy gauge saw is designed for rough trimming on machines with 2 to 31 saws. Uniform thickness insures perfect balance at all speeds. Saws 34" and 36" in diameter are furnished with Style M teeth for overhead trimmers. Style L teeth are furnished on saws up to 30" in diameter for cutting above the saw.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
18"	10	80	26"	10	70
18	12	60-80-100	28	10	70
20	10	70	30	8	70
20	12	60-70	30	9	70
22	10	60	36	6	80
24	9	70	36	8	80
24	10	70-100	36	9	70
			38	8	80

SLASHER

This is a heavy gauge cut-off type saw for cutting slabs and waste lumber to short lengths on slasher rigs with 2 to 30 saws. Saws over 30" in diameter furnished with Style M teeth. Saws 30" in diameter furnished with Style L teeth.

POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
30"	8	70	38"	8	80
30	9	70	40	6	80
36	6	80	40	7	80
36	8	80	42	6	80
36	9	70	42	7	80

EDGER

This is a heavy gauge rip saw designed for use on Edger Machines with 2 to 6 saws. In trimming lumber to marketable widths as it leaves the log saw, this saw will cut straight, hold a keen edge and stand up under the heaviest feeds.

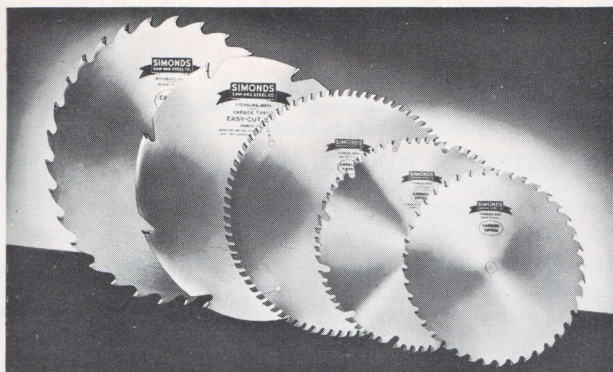
POPULAR STANDARD SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
12"	12	24	20"	7	30
14	10	24	20	8	24
16	10	30	20	9	30
18	7	24	22	7	30
18	8	24	24	7	30
18	9	24-30	24	8	30

... for Popular Price, General Utility Saws

6" to 12" in Diameter

SEE "SI-CLONE" SAWS ON PAGE 15



Prompt repair service is available from Simonds Factory Branches located in Union, N. J., Chicago, Shreveport, La., Los Angeles, San Francisco and Portland, Ore.

Carbide Tipped RIP

This heavy gauge saw is designed for power feed ripping of hard or soft wood. It has plenty of hook in the teeth with precision ground proper clearance on the sides of the carbide tips and large round gullets to insure fast, free cutting.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
10"	12	24	16"	10	30
12	11	24-30	18	9	30
14	10	24-30			

Carbide Tipped GLUE JOINT RIP

This saw produces joints ready for gluing without further finishing. Saws with greatest number of teeth and smallest possible diameter give smoothest cut.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
12"	11	40	14"	10	30-40

Carbide Tipped CUT-OFF

Designed for hand or power feed cut off and trimming, hard or soft wood. For regular work use coarse tooth saws. For smoother work use finer tooth saws.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
8"	14	40	14"	11	40-80
10	13	40-60	16	11	40-60-100
12	12	40-60-80	18	10	60-100
			20	9	60

Carbide Tipped PAPER CORE

For use in paper mills to cut long cores to shorter lengths. Alternating top bevel of teeth produces smooth, clean cuts. For best results on standard cores (3½" - 4" O.D. - ⅝" wall) rotate the core when cutting.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
8"	13	48	18"	10	80
16	10	80			

Carbide Tipped PLASTIC CUTTING

For production cutting of thermosetting and thermo plastics, hardboard masonite, insulating and gypsum board, micarta, textalite, formica, composition materials, etc.

STOCK SIZES

Diam.	Gauge	Kerf	No. Teeth	No. Teeth	No. Teeth	Diam.	Gauge	Kerf	No. Teeth	No. Teeth	No. Teeth
8"	13	.125	36	48	66	14"	10	.164	—	60	72
10	12	.139	36	60	72	16	10	.164	—	60	72
12	11	.150	—	60	72						

Carbide Tipped THIN RIM PLASTIC CUTTING

For clean, chip-free cutting with minimum kerf loss on thermosetting and thermo plastic sheet, tubes and shapes, laminates, hardboards, chipboards, rare woods, composition materials. Saws are made with standard .085 kerf.

STOCK SIZES (.085 Kerf)

Diameter	Gauge	Collar	No. Teeth	No. Teeth	No. Teeth
8"	13	4"	36	48	66
10	12	6"	36	60	72
12	11	8"	60	72	90

CARBIDE TIPPED SAWS

Simonds new high quality Carbide Tipped Saws stay sharp up to 300 times longer than regular saws! Simonds closer tolerances; new design carbide tips; superior brazing and uniformity of fitting make these saws the best for cutting softwood, hardwood, plywood, plastics and composition materials. Choose from Simonds complete line of 12 types.

Carbide Tipped No. 110 GENERAL PURPOSE

A new, smooth-cutting combination saw with new-styled teeth clearance ground both sides, a narrower kerf for easier hand feed and faster cutting rate. This saw will rip, cut-off and mitre hard and soft wood, hardboard, plywood, chipboard, laminates, composition material, hard rubber and certain plastics.

STOCK SIZES

Fitting: Cutting Teeth 15° - Alt. Top Bevel; Rakers Full Form ¼" Low

Diameter	Gauge	Kerf	No. Sec. - Teeth - Raker	No. Teeth
8"	14	.123	4 — 7 — 1	32
9	13	.135	4 — 8 — 1	36
10	13	.135	4 — 9 — 1	40
12	12	.149	5 — 8 — 1	45
14	11	.160	6 — 8 — 1	54
16	11	.160	7 — 8 — 1	63
18	10	.184	8 — 8 — 1	72

Carbide Tipped No. 60 COMBINATION

Designed for fast, hand feed combination work where smoothness of cut is unimportant, this saw is recommended for use on saw tables and electric hand saw machines where one saw is required to rip, cut off and mitre.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
* 5⅝"	14	16	* 9"	14	20
* 6	14	16	* 10	13	20
* 7	14	16	12	13	20
* 8	14	18			

*Furnished with round as well as special shape center hole for specific electric hand saw machines.

Carbide Tipped SMOOTH TRIMMER

Designed to cut off and trim softwood only with extreme smoothness and no splinters, this saw is unequalled for sawmill smooth end-trimming where the board ends are to be grade or trade marked. Promptly made to order.

Carbide Tipped EASY-CUT

This saw reduces kick-back, requires less power, is very quiet in operation, has fewer teeth to sharpen, costs less than other type saws with more teeth. Hand Feed Combination 5⅝" to 16" and Power Feed Rip 12" to 16".

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
Hand Feed - Combination			Hand Feed-Combination (cont.)		
* 5⅝"	14	8	12"	13	12
* 6	14	8	14	12	12
† 6⅛	14	8	16	12	12
* 6½	14	8	Power Feed - Rip		
* 7	14	8	12"	11	12
* 8	14	8	14	10	12
* 9	14	8	16	10	12
* 10	13	8			

*Furnished with round as well as special shape center hole for specific electric hand saw machines.

†Furnished with 1⅝" Round Centerhole only for Black & Decker machines.

Carbide Tipped No. 40 RADIAL ARM

This is a new style saw developed especially for ripping, cutting off and mitre-ing on Radial Arm Machines such as DeWalt, Delta Multiplex, Skilsaw and Walker-Turner and for cutting off on Swing Saws.

STOCK SIZES

Diameter	Gauge	No. Teeth	Diameter	Gauge	No. Teeth
9"	14	24	14"	12	36
10	13	24	16	11	42
12	13	30			

Carbide Tipped DADO HEADS and GROOVER SAWS

Dado Heads are furnished in two types: REGULAR, for cutting with the grain only and COMBINATION, for across the grain without slivering.

STOCK SIZES

(No. 3 Sets — cuts to 1⅝" wide)

Regular Type	6" - 8" - 10" - 12" Diameters
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Combination Type promptly made to order. Carbide Tipped Groover Saws are recommended for cutting grooves ⅝" wide or narrower — Regular Type for grooving WITH the grain — Shear Tooth Type for grooving in any direction.

WIDE BAND SAWS

The superior performance and longer life you get from Simonds Band Saws is the result of a combination of extra value features not available in other make saws. Included are:

SIMONDS OWN NICKEL ALLOY SAW STEEL - famous for its exceptional toughness and edge-holding qualities, which not only swages easily but holds tension and stands up under the severest combination of tensile and bending stresses.

UNIFORM HARDENING AND TEMPERING - Accurate temperature control insures uniform hardness and toughness. Tempering under pressure keeps the plate flat and free from lumps so that no smithing or hammering is necessary.

IMPROVED WELDING PROCESS - permits a narrower bead and heat-line . . . provides closer thickness-tolerance at the joint . . . gives the weld extra strength and toughness . . . prevents trouble-causing kinking and bending.

"MICRO-CHECK" GRINDING - Simonds method of first welding and then grinding both sides of the saw, including the weld, in one operation guarantees uniform saw thickness throughout its length, eliminates flutter, insures uniform, longer lasting tension and simplifies saw maintenance.

EXPERT TOOTHING AND FITTING - Any tooth style or die is available from our wide variety of standard and special tooth shapes — fitted by men who know how!

RIGID FINAL INSPECTION - by experienced band saw specialists is added insurance that every saw will measure up to our high quality standards. New, rust-proof finish permits using saw right from crate without cleaning.

How to Order Wide Band Saws

Tooth space in Band Saws depends on speed of saw in feet per minute, and kind of wood. If sawing mixed woods, order saws that will cut the hardest wood best.

For Eastern mills sawing all pine, 1¾-inch tooth space operating at 8500 to 9500 F.P.M. works nicely. For mixed hard- and soft-wood, 2-inch tooth space at the same feed and speed will saw the hardwood much better, and the softwood just as well as the 1¾-inch, but slightly rougher.

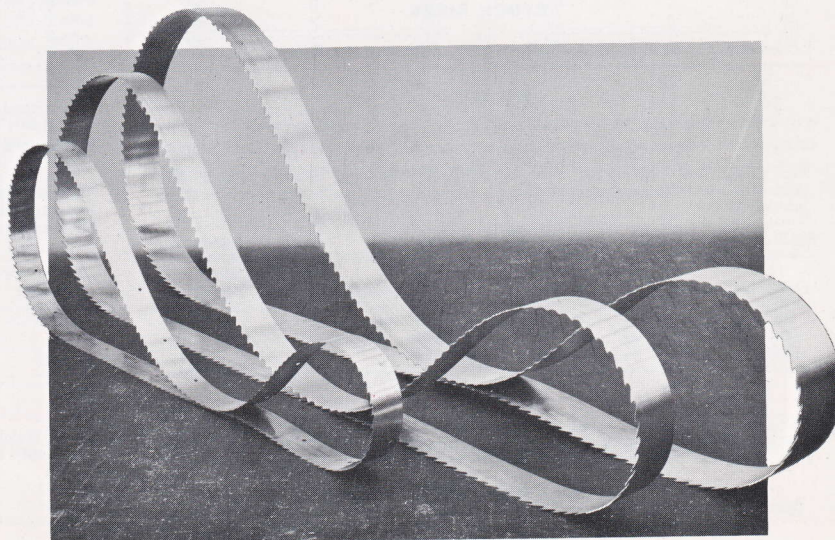
Pacific Coast mills requiring more sawdust clearance for larger logs use longer tooth space ranging from 2¼ inches up to 4 inches.

Gauge (or thickness) of saw depends on diameter of band wheels—the larger the wheel, the heavier the gauge.

BAND RESAWS

Today's high level, low cost production requirements have resulted in an increasing demand for smoother, cleaner resawing by all progressive furniture and box factories, planing mills and other users of band resaws. Simonds Band Resaws more than meet these requirements — leave such a smooth finish in many instances that subsequent planing or sanding is frequently made unnecessary.

Band Resaws with perforations maintain a current or flow of air through the cut, which sweeps out practically all sawdust. This is desirable and recommended in factories with board printing equipment, as sawdust soon gums up the press. Saws for many standard band resaw machines are available from stock.



This trio of Band Resaws includes one (at left) with perforations for removing sawdust.

Furnished with Swedish, Andrews or German Type Tabs

Toughness and keenness of cutting edge are both required for smooth, fast cutting, economical gang saws. These qualities are built into Simonds Gang Saws through the use of Simonds Saw Steel and proper heat-treatment.

To ensure smooth, straight lumber and low cost operation particular attention is given each process of manufacture: exact grinding, scientific design, perfectly made teeth correctly fitted, all play their part in the production of top quality gang saws.

Simonds Gang Saws, 4 to 7 inches wide, are made 13, 14, 15 and 16 gauges thick. Eight-inch wide saws are made in 11 to 16 gauges thick; 9- and 10-inch wide saws are furnished 11 to 15 gauges thick.

Due to the continuous up and down stroke, gang saws usually wear more at the center of the blade (lengthwise), frequently as much as one gauge during the life of the saw. To compensate for this wear, saws of the heaviest possible gauge should always be specified when ordering.

Tooth space or die number depends on the speed of the machine and the saw gauge. Coarse teeth and/or high speed require heavier gauge blades. A speed of 250 to 350 strokes per minute has been found best in most mills.

Saws are made to order and come fitted, ready for use.

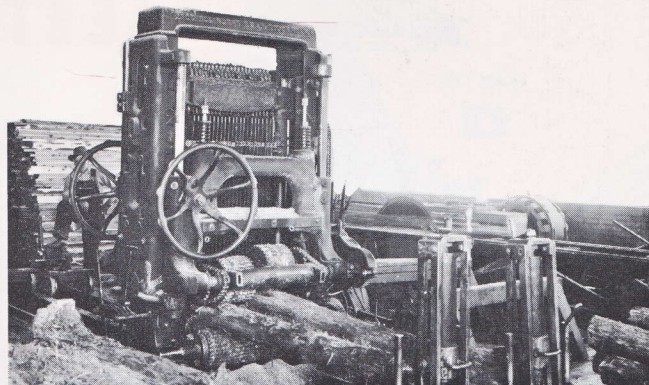


Illustration above shows a Round Log or Combination Swedish Design Gang Saw on which Swedish or Split Tabs are used.

Types of Tabs

ANDREWS

(Bent Tab)

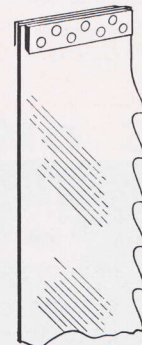


This type of tab is made in one piece, accurately ground to specified thickness, beveled along both ends, bent to fit around the end of the saw and riveted in place. It is generally used on American Cant Gang Saw Machines in mills where the head rig has slabbed or cut the log down to dimension sizes. On the larger size gang saw machines, 4 cants 10" or 12" can be cut at the same time by stacking 2 side by side.

SWEDISH

(Split Tab)

The Swedish or Split Type of Tab consists of two separate parts. Each part is accurately ground to specified thickness, is beveled along the lower edge and is fastened to the saw by rivets. This type of tab is used on both Round Log and Cant Swedish Gang Saw Machines. Complete specifications of old saw must be given when ordering, or furnish old saw, if possible. This will avoid any misunderstanding and insure prompt delivery of the correct saw.

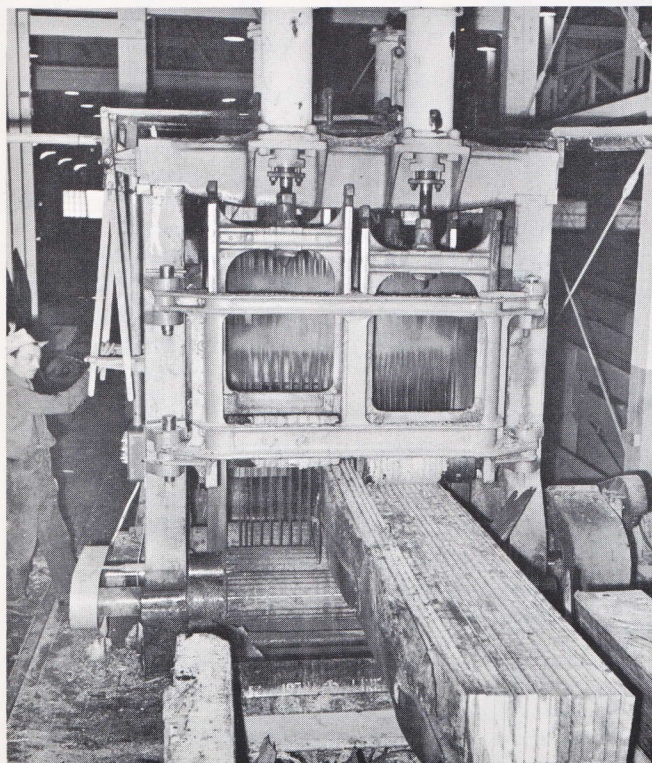


GERMAN

(Single or Split Tab)

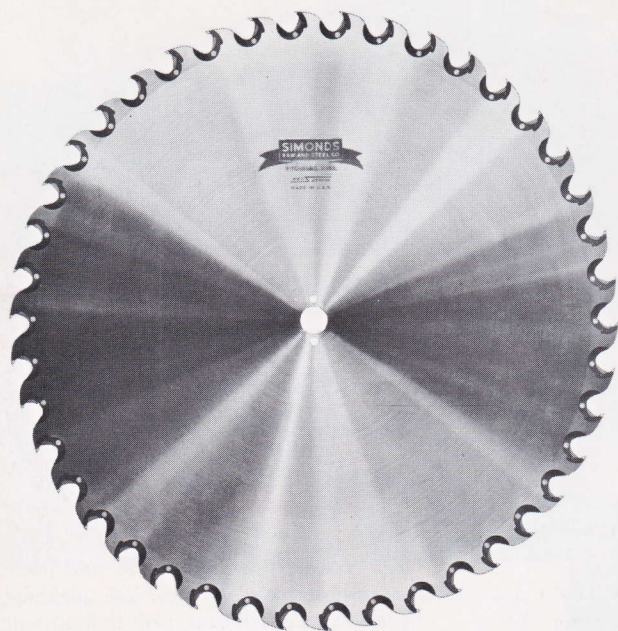


This type of tab is used for sawing round logs on German design Gang Saw Machines. Older model machines have a single tab riveted to each end of the saw on alternate sides. The latest model machines use split or double tabs similar to the Swedish type. The German type tab however is drilled and slotted for hangers. In ordering, give machine model number in addition to other required specifications or furnish old saw, if possible.



Above illustration shows a Cant Type American Design Gang Saw on which Andrews or Bent Tabs are used.

INSERTED TOOTH SAWS



HEAD SAWS

The most dependable and economical to use at any season, Simonds Inserted Tooth Head Saws cut fast and straight, produce better grade lumber, stand up to heavy feeds and speeds. Made of special alloy steel from Simonds own mill, these saws are extra tough, hold their tension longer, will run longer without hammering—save both time and expense. Furnished in all standard sizes and tooth styles.

EDGER SAWS



For regular edging, for ripping slabs into desired widths, or for breaking down large cants, Simonds Inserted Tooth Edger Saws stand up and cut straight under the heaviest feeds. Simonds steel, tensioning and grinding methods insure a perfectly balanced, true-running saw.

CUT-OFF SAWS

Designed for cutting large logs to specified length, this tough, heavy gauge saw has replaceable teeth firmly held in the plate by rivets. Machine milled V's and grooves insure mechanically perfect, close-fitting joints. Furnished in standard sizes from 36" to 110" in diameter with Style No. 4 or 44 teeth. "Tungsweld" (Hard Tip) Teeth are also available.

STYLE B

HEAD SAWS

Diameter	Gauge	Teeth
44"	8-9	34
48	7-8	36
	7-8	40
	8-9	36
	8-9	40
50	7-8	40
	8-9	40
52	8-9	42
	7-8	36
	7-8	42
54	8-9	40
	7-8	40
	7-8	44
56	8-9	44
	7-8	44
	7-8	48
60	8-9	46
	5-6	50
	7-8	46
	7-8	52
	8-9	48

EDGER SAWS

14"	8	10
16	8	12
20	7	16
	8	16
22	6	16
	7	16
24	6	18
	7	18
26	7	20
32	6	24
36	5	26
	5	28

STYLE F

HEAD SAWS

Diameter	Gauge	Teeth
46"	8-9	44
48	7-8	46
	8-9	46
50	7-8	44
	7-8	48
	8-9	48
52	7-8	46
	7-8	50
	8-9	50
54	7-8	52
	8-9	52
56	7-8	54
	8-9	54
60	7-8	58

EDGER SAWS

14"	9	12
	10	12
16	8	14
	9	14
	10	14
18	8	16
	9	16
36	5	30

STYLE D

HEAD SAWS

Diameter	Gauge	Teeth
48"	6-7	36
	7-8	36
50	6-7	36
52	6-7	36
54	6-7	36
	6-7	40
56	5-6	40
60	5-6	44
	6-7	36
	6-7	40
	6-7	44

STYLE 2½

HEAD SAWS

Diameter	Gauge	Teeth
46"	8-9	50
48	7-8	48
	7-8	52
	7-8	54
	8-9	48
	8-9	50
	8-9	52
50	7-8	54
	8-9	52
52	7-8	54
	7-8	56
	8-9	54
	8-9	56
54	7-8	56
56	7-8	60
	8-9	56

EDGER SAWS

14"	9	14
	10	14
16	9	16

STYLE 3

HEAD SAWS

Diameter	Gauge	Teeth
48"	7-8	42
50	7-8	42
52	7-8	42
	8-9	44
54	8-9	44
56	8-9	48
60	7-8	52

STYLE 3½

HEAD SAWS

Diameter	Gauge	Teeth
48"	5-6	40
	6-7	40
50	5-6	44
	6-7	44
52	5-6	46
	6-7	44

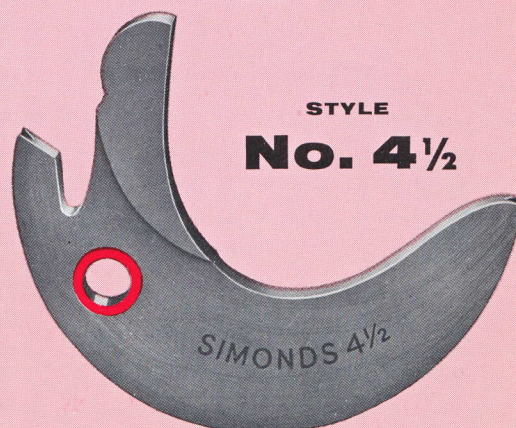
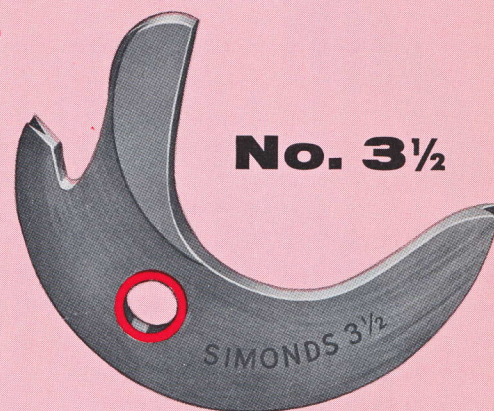
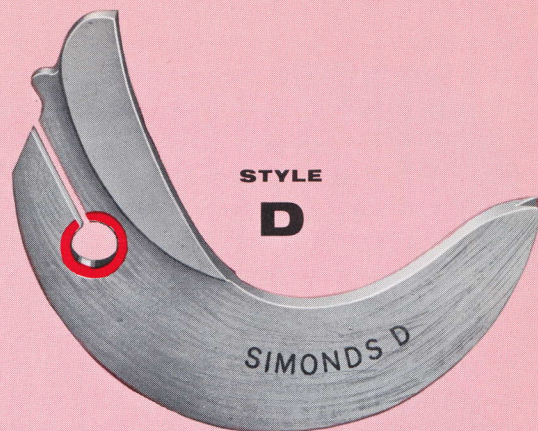
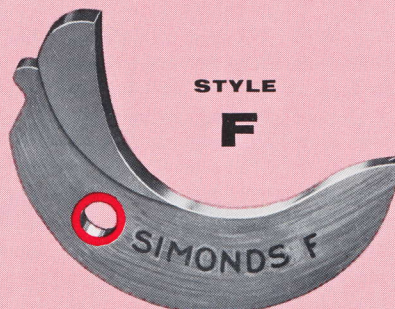
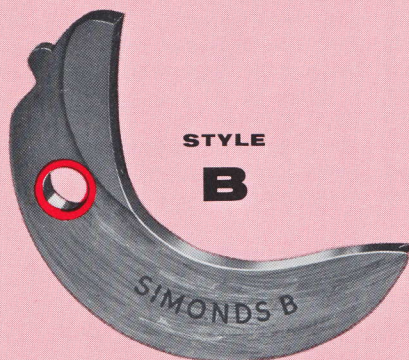
STYLE 4½

HEAD SAWS

Diameter	Gauge	Teeth
48"	6-7	36
50	6-7	38
52	6-7	36
	6-7	40
60	5-6	44
	6-7	40

SIMONDS

RED CIRCLE SHANKS®



Made of Simonds own alloy spring steel, "Red Circle" Shanks are specially tempered for maximum spring and toughness. Full length, they seat well in the plate and prevent the bit from vibrating in the cut and causing excessive wear. The milled swage is long wearing and provides good sawdust clearance. Made to Simonds rigid high quality standards, "Red Circle" Shanks are uniform and dependably accurate . . . team up with "Blue Tip" Bits to make any saw a better saw.

STANDARD SIZES

B

- 10 gauge
- 9 gauge
- 9 gauge—oversize
- 8 gauge
- 8 gauge—oversize
- 7 gauge
- 7 gauge—oversize
- 6 gauge
- 6 gauge—oversize
- 5 gauge

F

- 11 gauge
- 10 gauge
- 9 gauge
- 9 gauge—oversize
- 8 gauge
- 8 gauge—oversize
- 7 gauge
- 6 gauge
- 5 gauge

D

- 8 gauge
- 7 gauge
- 7 gauge—oversize
- 6 gauge
- 6 gauge—oversize

D Con't.

5 gauge

No. 2 1/2

- 11 gauge
- 10 gauge
- 10 gauge—second size
- 10 gauge—third size
- 9 gauge
- 9 gauge—second size
- 9 gauge—third size
- 9 gauge—fourth size
- 8 gauge
- 8 gauge—second size
- 8 gauge—third size
- 8 gauge—fourth size
- 7 gauge
- 7 gauge—second size
- 6 gauge

No. 3

- 10 gauge
- 10 gauge—second size
- 9 gauge
- 9 gauge—second size
- 9 gauge—third size
- 8 gauge
- 8 gauge—second size

No. 3 Con't.

- 8 gauge—third size
- 7 gauge
- 6 gauge

No. 3 1/2

- 7 gauge
- 6 gauge
- 5 gauge

No. 4 1/2

- 7 gauge
- 6 gauge
- 5 gauge

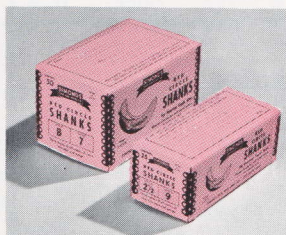


Illustration above shows standard packaging in lots of 25 and 50 in orange-colored box.

"TUNGSWELD" (Hard Faced) SHANKS are also available in the following sizes:

B: 8, 7, 6 gauge | D: 7, 6 gauge
F: 8, 6 gauge | No. 4 1/2: 6 gauge

All other sizes furnished in minimum quantities of 250 of each size.

SIMONDS BLUE TIP® SAW BITS

REGULAR TYPE

Precision-made from Simonds special steel, "Blue Tip" Bits are uniform in shape, fit and temper and hold a sharp edge, yet can be readily "touched up" or resharpened with a file. The "Blue Tip," a result of special tempering, is a mark of extra toughness that resists breakage in hard, knotty or frozen logs.

Careful grinding on the sides, face and top prevents high corners and insures proper

clearance. Checked and inspected sixteen times during the forging, milling, grinding and tempering steps in manufacture, "Blue Tip" Bits fit better, run better and stand up better under all sawing conditions.

Made in all standard styles, types and sizes, Regular "Blue Tip" Bits fit all makes of saws of the same style and gauge . . . come packed in lots of 100 and 250 in the familiar orange-colored box.

STANDARD SIZES

B, D or F

Gauge	Kerf	Type
11	7/32"	Reg.

10	1/4"	Reg.
10	17/64	Reg.

9	1/4"	Reg.
9	17/64	Reg.
9	17/64	Long
9	9/32	Reg.
9	9/32	Long
9	5/16	Long

8	1/4"	Reg.
8	17/64	Reg.
8	17/64	Long
8	9/32	Reg.
8	9/32	Long
8	5/16	Long
8	11/32	Long

7	5/16	Edger
7	11/32	Edger
7	11/32	Long
7	11/32	Long
7	3/8	Long

6	11/32	Long
6	3/8	Long
6	3/8	Long
6	3/8	Edger
6	3/8	Edger
6	13/32	Long
6	13/32	Long
6	13/32	Edger

5	3/8	Long
5	3/8	Long
5	3/8	Edger
5	3/8	Edger
5	13/32	Long
5	13/32	Long
5	13/32	Edger

No. 2 1/2

11	3/16"	Reg.
11	7/32	Reg.
11	1/4	Reg.

10	1/4	Reg.
10	17/64	Reg.

No. 2 1/2 Con't.

9	1/4	Reg.
9	1/4	Long
9	17/64	Reg.
9	17/64	Long
9	9/32	Reg.
9	9/32	Long
9	5/16	Reg.
9	5/16	Long

8	1/4	Reg.
8	1/4	Long
8	17/64	Reg.
8	17/64	Long
8	9/32	Reg.
8	9/32	Long
8	5/16	Reg.
8	5/16	Long

7	5/16	Reg.
7	5/16	Long
7	11/32	Reg.
7	3/8	Reg.

6	3/8	Reg.
---	-----	------

No. 3

10	1/4	Reg.
10	17/64	Reg.

9	1/4	Reg.
9	17/64	Reg.
9	17/64	Long
9	9/32	Reg.
9	9/32	Long
9	5/16	Reg.
9	5/16	Long

8	1/4	Reg.
8	17/64	Reg.
8	17/64	Long
8	9/32	Reg.
8	9/32	Long
8	5/16	Reg.
8	5/16	Long
8	11/32	Long

7	5/16	Reg.
7	5/16	Long
7	11/32	Long

No. 3 1/2

Gauge	Kerf	Type
8	5/16"	Reg.

7	11/32	Reg.
7	11/32	Reg.

6	3/8"	Reg.
6	3/8	Reg.

5	3/8	Reg.
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No. 4 1/2

8	5/16"	Reg.
---	-------	------

7	11/32	Reg.
7	11/32	Reg.
7	3/8	Reg.
7	3/8	Reg.

6	3/8	Reg.
6	3/8	Reg.
6	13/32	Reg.
6	13/32	Reg.

5	3/8	Reg.
5	3/8	Reg.
5	13/32	Reg.
5	13/32	Reg.

Hog or "V" Bit

9	5/16"	Reg.
---	-------	------

8	9/32	Reg.
8	5/16	Reg.

7	11/32	Reg.
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6	3/8	Reg.
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Rosser

4	5/16"	Reg.
4	5/8	Reg.
4	3/4	Reg.
4	7/8	Reg.

STYLE B or F (Eastern Pattern)

This bit fits both Style B and Style F Inserted Tooth Saws and is interchangeable.

STYLE B, F and D (Pacific Coast Pattern)

This bit fits Style B, F or D Inserted Tooth Saws and is interchangeable.

NOTE- Style B, F and D SHANKS are different (see page 10-D) and are NOT interchangeable.

No. 3 1/2

No. 4 1/2

Hog or "V" Bit

This "V" type bit is used mainly in Edger Saws along with Regular type bits. The combination of Hog and Regular Bits, alternating in the saw, eliminates excess rim heat by increasing the size of the chip. The use of Hog Bits is most effective where feed is limited due to lack of power or machine design.

*W.A. — Wide Angle

"STAND-ALL"® BLUE TIP SAW BITS

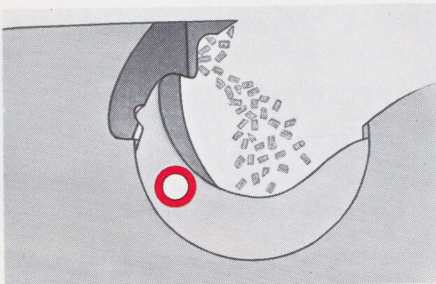
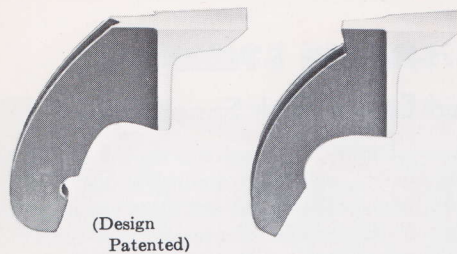


Illustration above shows how nub or projection of Stand-All Bit breaks up sawdust and deflects it away from swage of shank.

Developed after years of research, this revolutionary, patented design all-season bit breaks up the sawdust and deflects it away from the swage of the shank. This reduces shank wear, helps expel the sawdust more effectively and prevents dust from spilling into the cut. As a result, the saw runs freer and cooler, saw tension remains more constant and will last longer so that less hammering will be needed.

Saws with Stand-All Bits (made only by Simonds) will take full feed without "snaking" or dodging knots; eliminate leading due to tough bark in sapling pine; give smoother, straighter cuts with less power in all kinds of timber. Designed for all-year sawing with standard shanks, this specially designed bit works especially well in frozen timber . . . makes it possible to continue sawing all winter.

STANDARD SIZES

B, D, F		No. 3	
Gauge	Kerf	Gauge	Kerf
9	$\frac{9}{32}$ "	9	$\frac{9}{32}$ "
9	$\frac{17}{64}$	9	$\frac{17}{64}$
8	$\frac{11}{32}$	8	$\frac{5}{16}$
8	$\frac{5}{16}$	8	$\frac{9}{32}$
8	$\frac{9}{32}$	8	$\frac{11}{64}$
8	$\frac{17}{64}$		
7	$\frac{11}{32}$	No. 3½	
7	$\frac{5}{16}$	8	$\frac{5}{16}$
6	$\frac{3}{8}$	7	$\frac{11}{32}$
		6	$\frac{3}{8}$
No. 2½		No. 4½	
9	$\frac{9}{32}$	8	$\frac{5}{16}$
9	$\frac{17}{64}$	8	$\frac{9}{32}$
8	$\frac{5}{16}$	8	$\frac{17}{64}$
8	$\frac{9}{32}$	7	$\frac{3}{8}$
8	$\frac{17}{64}$	7	$\frac{11}{32}$
7	$\frac{5}{16}$	6	$\frac{3}{8}$

Packed in lots of 100 and 250 in bright yellow boxes.

"TUNGSWELD"® (Hard Tip) SAW BITS

STANDARD SIZES

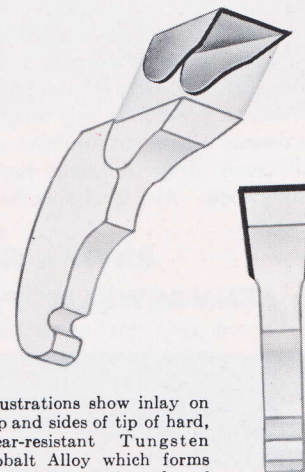
(Regular Type)

B, D, or F		No. 2½	
Gauge	Kerf	Gauge	Kerf
9	$\frac{1}{4}$ "	8	$\frac{9}{32}$ "
9	$\frac{9}{32}$	8	$\frac{5}{16}$
9	$\frac{5}{16}$		
8	$\frac{9}{32}$	No. 3	
8	$\frac{5}{16}$	8	$\frac{9}{32}$
7	$\frac{11}{32}$	No. 3½	
7	$\frac{3}{8}$	7	$\frac{11}{32}$
6	$\frac{3}{8}$ "	6	$\frac{3}{8}$
6	$\frac{13}{32}$ Edger	No. 4½	
5	$\frac{13}{32}$ Edger	6	$\frac{3}{8}$

All Other Sizes Furnished in Minimum Quantities of 1000 of each size.

Recommended for use on Bull Edgers and Head Saws cutting pond logs, this type bit will hold a keen cutting edge far longer between grinds . . . combines toughness with exceptional resistance to wear. Made to Simonds rigid high quality standards of steel and workmanship, "Tungsweld" Bits incorporate all the features of Simonds regular bits *plus* an inlay or tip of Tungsten Cobalt Alloy. This tip provides a hard, long-lasting, wear-resistant cutting edge. Too hard and tough to file or swage, "Tungsweld" Bits can be sharpened by grinding only. Packed in lots of 100 and 250 in a bright red box.

Can Be Sharpened by Grinding Only



Illustrations show inlay on top and sides of tip of hard, wear-resistant Tungsten Cobalt Alloy which forms long-lasting cutting edge of Simonds "Tungsweld" Bits.

Hand gummers and portable grinders, both hand and electrically operated, are available for sharpening "Tungsweld" and High Speed Steel Bits — manufacturers' names supplied on request to the nearest Simonds Branch Office.

HIGH SPEED STEEL SAW BITS

Tropical hardwoods and other species of timber that are abrasive in character are difficult to saw with regular bits because their cutting edges dull very quickly. To meet this condition, Saw Bits of exceptionally hard, wear-resistant Simonds High Speed Steel were developed. As these Bits stay sharp up to ten times longer than regular bits, they are also profitably used on bull edgers, rift saws, etc., where sharpening or changing saws is a difficult operation. Simonds high standard of workmanship insures uniformity of forging, milling, grinding and tempering so that these tough, long-lasting High Speed Steel Bits fit accurately, cut straight, give satisfactory service. Packed in lots of 100 and 250 in a bright red box.

Can Be Sharpened by Grinding Only

STANDARD SIZES

B or F		B or F (cont.)		No. 2½ (cont.)	
Gauge	Kerf	Gauge	Kerf	Gauge	Kerf
10	$\frac{1}{4}$ "	6	$\frac{3}{8}$	9	$\frac{9}{32}$
9	$\frac{9}{32}$	5	$\frac{13}{32}$ Edger	8	$\frac{9}{32}$
9	$\frac{17}{64}$			8	$\frac{5}{16}$
8	$\frac{17}{64}$				
8	$\frac{9}{32}$	No. 2½		No. 3	
8	$\frac{5}{16}$	10	$\frac{1}{4}$ "	8	$\frac{9}{32}$
7	$\frac{5}{16}$	9	$\frac{17}{64}$	8	$\frac{5}{16}$
7	$\frac{11}{32}$				

"SI-CLONE"® THIN PLANER KNIVES

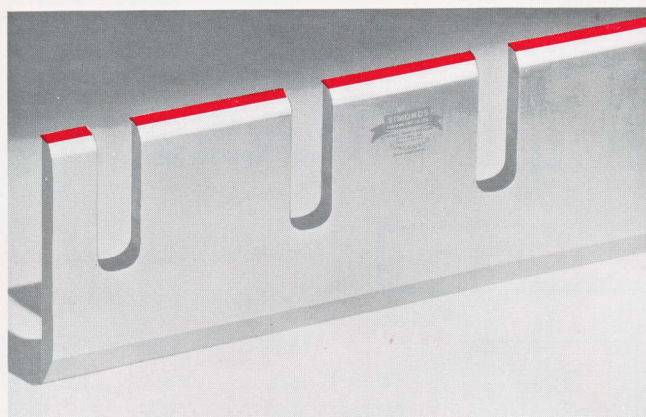


Combining extreme toughness, extra resistance to abrasion and exceptional edge-holding ability, "Si-Clone" Knives will run without jointing as much as twice as long as regular High Speed Steel Knives. Made from a new steel developed by Simonds metallurgists, these knives are designed to meet today's high production requirements and fast feed operation . . . produce a more uniformly smooth surface and work equally well in all types of timber.

All standard sizes are available from stock and are furnished in perfectly balanced pairs in a new design protective package.

"SI-CLONE" CORRUGATED BACK KNIVES are also available from stock in any length, in all standard widths and thicknesses. Clean-cut, uniform corrugations simplify lining up knives made from different bars and save on jointing and grinding costs. Also available in High Speed Steel in standard stock sizes.

"TUNGSWELD" PLANER KNIVES



Simonds patented "Tungsweld" process makes it possible to furnish thick knives for square-head machines with a High Speed Steel inlay heat-treated for maximum edge-holding qualities. A special grade of backing steel supports the inlay, gives stiffness to the entire knife and is sufficiently tough to resist breakage due to sudden shocks, clamping on imperfect head surfaces and other causes. All usual sizes are generally available from stock.

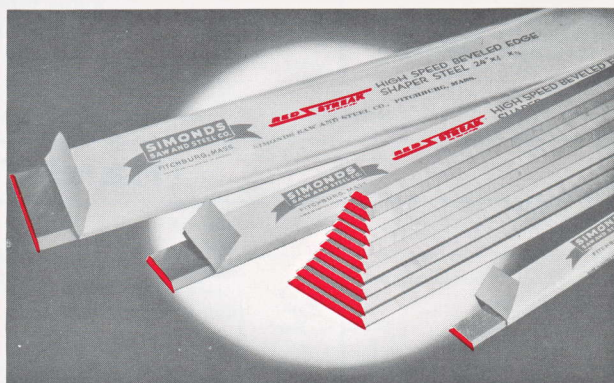
SHAPER STEEL

Beveled Edge—High Speed Steel

Made of Simonds own High Speed Steel, especially heat treated for use in making cutters, this high quality Shaper Steel is ground on all four sides with special attention given to the width between the 60° side bevels. Furnished in a full range of stock sizes in standard 24" length bars, it is individually packaged and ready to use. Finished Shaper Knives of any desired specification promptly furnished on order.

STOCK SIZES

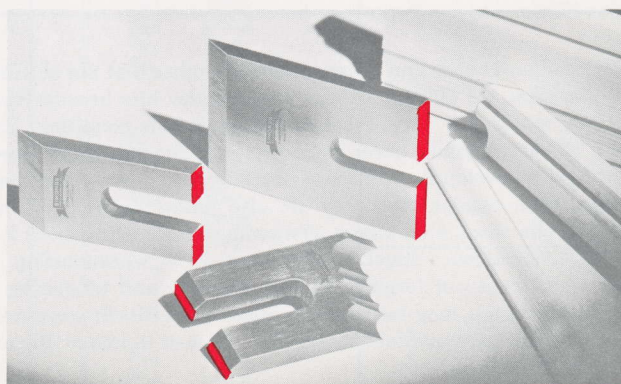
Thickness	Width—Inches	Length
$\frac{3}{16}$ "	$\frac{1}{2}$ - $\frac{3}{4}$ - 1 - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - 2	24"
$\frac{1}{4}$	$\frac{1}{2}$ - $\frac{5}{8}$ - $\frac{3}{4}$ - 1 - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - 2	24
$\frac{5}{16}$	$\frac{1}{2}$ - $\frac{3}{4}$ - 1 - $1\frac{1}{4}$ - $1\frac{1}{2}$	24
$\frac{3}{8}$	$\frac{1}{2}$ - $\frac{3}{4}$ - 1 - $1\frac{1}{4}$ - $1\frac{1}{2}$	24



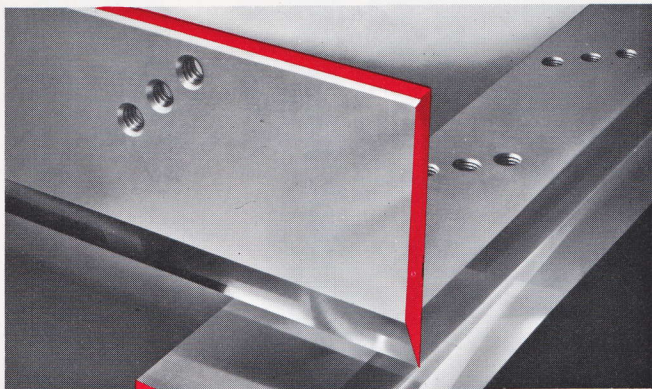
WOODWORKING KNIVES

Made for square-head molding, matching and jointing machines, these straight-edge knives are available in 5 different types of steel: Solid High Speed Steel (not over 26" in length), "Tungsweld" Steel, Solid Carbon Steel, Plated Steel and Solid Carbon Steel Blanks. Solid Carbon Steel Blanks are not hardened or tempered, but slotted and ground with the cutting edge left $\frac{1}{32}$ " blunt.

For solid head machines with the bolts fixed in the heads, it is necessary to give the exact location of slots in addition to the number and size when ordering. For slotted head machines, only the number and size of slots is required.



"SI-NAMIC"® PAPER KNIVES



The culmination of extensive field and laboratory research, "Si-Namic" Paper Knives combine the very latest in steel technology and knife manufacture. The net result is a knife that actually stays sharp up to 100% longer than any other standard knife; that virtually eliminates drag, glaze and cut marks; that materially reduces dust because its super sharp edge cuts clean and powder free; that can be restored to original keenness and cut-ability grind after grind.

To insure maximum protection throughout its longer life, each knife is shipped on a new design knife board with steel re-inforced ends.

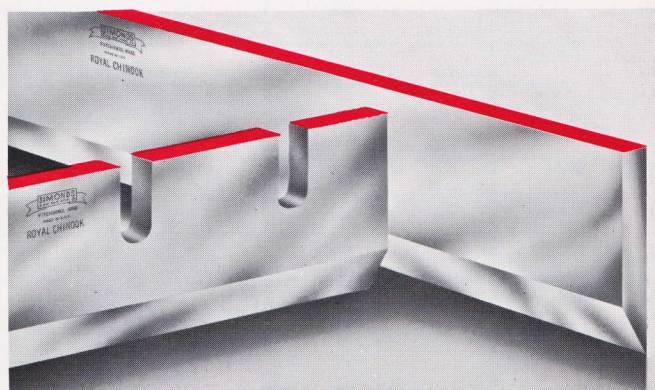
"Si-Namic" Paper Knives are furnished for all makes and models of trimmers with most sizes available from stock.

"Si-Namic" Knives for 3-knife automatic trimmers as well as "Tungsweld" (High Speed Inlay) Knives promptly made on order.

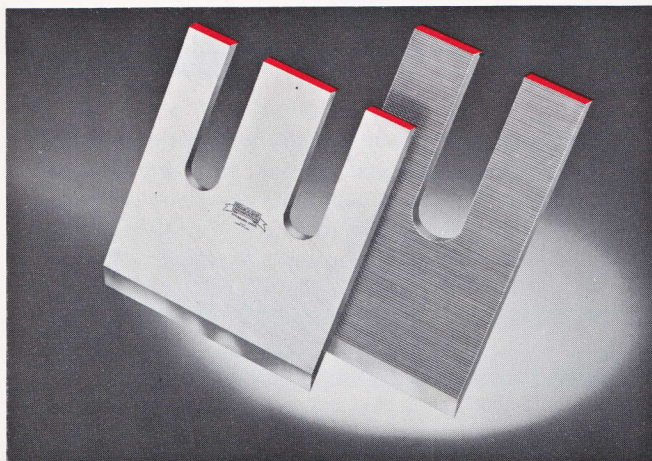
ROYAL CHINOOK® VENEER KNIVES

Lathe—Slider—Clipper

Veneer mills everywhere are singing the praises of this tougher, keener edged knife . . . the latest in knife steel development! Here's the knife that has extra resistance to nicking and extra toughness to take hard knots. Here's the knife that cuts hard or soft wood with ease . . . that stands up and steps up veneer quality and production . . . that gives long-run knife savings because grindings and knife changes are so few and far between. Every step in manufacture, from the welding of the special steel cutting edge to a tough carbon steel back all the way to finish grinding, is carefully handled by skilled knifemen. All sizes and types promptly furnished. Veneer Pressure Bars also supplied on order.



HOG KNIVES



Toughness, resistance to shock and edge-holding ability are outstanding qualities of Simonds Hog Knives. Special alloy steel from Simonds own Steel Mill is given extra forging for extra toughness. Tempering in electrically controlled furnaces insures the exact degree of hardness to withstand the pounding and strain of everyday use and still retain a sharp cutting edge without cracking or breaking out. Sizes and types (plain or corrugated back) for all machines in woodworking plants, paper mills, processing and extract plants are supplied in perfectly balanced sets. Standard sizes generally available from stock.

CHIPPER KNIVES

Simonds famous Red Streak® Chipper Knives hold their cutting edge and produce dust-free uniform chips hours longer than regular knives. Their sharp cutting edge keeps down the percentage of waste and withstands hard usage without cracking, chipping out or losing temper. Corrosion-resistant, they retain their bright, smooth surfaces—reflect the high quality and workmanship that is part and parcel of every Simonds Knife. These solid steel knives are made to exact specifications for Sumner, Carthage, Murray and other styles of chippers.



NARROW BAND SAWS

REGULAR FILING TYPE

If you have sharpening facilities, this may be the blade for you. Made of Simonds own special steel, it is unusually tough. A generous hook in the teeth makes cutting fast and easy. Round gullets prevent cracking. Burr-free teeth are filed extra sharp . . . given a precision set. Tops in every respect, this is the finest, longest lasting blade of its type. Made and available from stock in all standard sizes, in 250-foot coils or welded-to-length for specific band saw machines.

STOCK SIZES

Set and Filed - 250' Coils or Welded-to-Length

Width	Gauge	Teeth	Width	Gauge	Teeth	Width	Gauge	Teeth
1/8"	25	6				20		2
								3
3/16"	21	2	22		4	21		2
		3			5			3
		4	25		4			4
	22	4			5			5
		5			6	22		3
		6	1/2"	19	2			4
25		5			3	25		4
		6	20		2			5
1/4"	20	2			3	1"	19	2
			21		2			2
	21	2			3		20	2
		3			4			3
		4			5			4
		5	22		3	21		2
	22	4			4			3
		5			5			4
		6	25		5	22		4
25		5			6			
		6	5/8"	20	2	1 1/4"	20	2
5/16"	21	2			3			3
		3	21		2	1 1/2"	20	1
					3			2
					4			3
3/8"	20	2	22		4	1 3/4"	20	1
			25		5			2
	21	2				21		1
		3	3/4"	19	2			
		4						

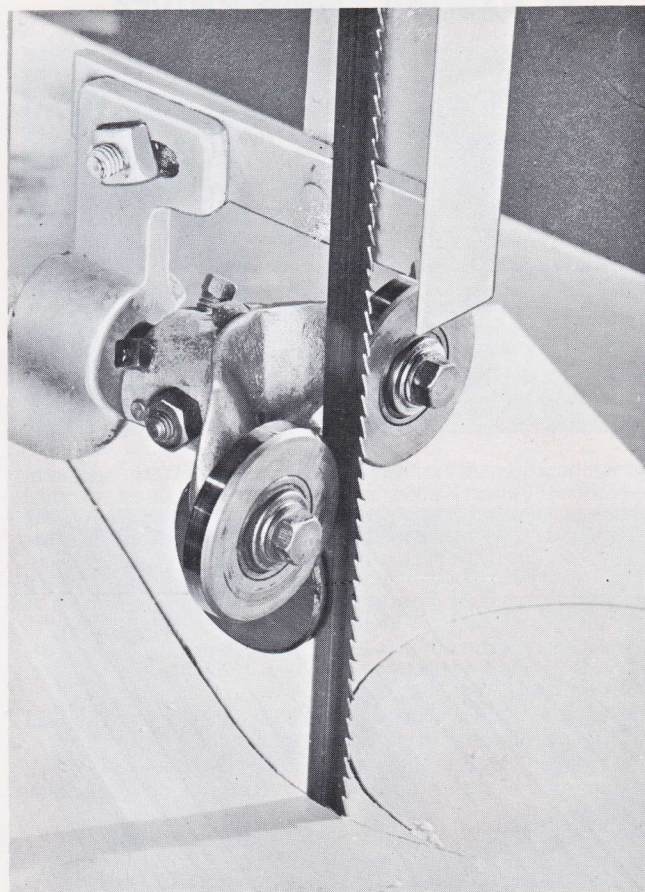


Illustration above shows Filing Type Blade on machine equipped with guides.

NEW "F-34" HARD EDGE TYPE

This new HARD EDGE type Narrow Band Saw with a completely new tooth design has many practical advantages for furniture plants, fixture manufacturers, cabinet shops, etc. First of all, the new design tooth has more hook to make feeding smoother and easier, while the larger, rounded gullet enables chips to form without binding and then freely clear the cut.

Flame Hardened Tooth Edge

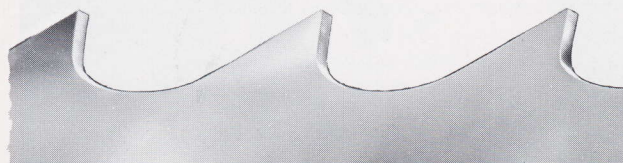
Equally important, Simonds controlled heat-treatment produces full hardness along the cutting edge without changing the toughness and flexibility of the alloy steel blade body. This provides many times more cutting life, saves on blade changing and replacement costs — blade is merely thrown away when the cutting edge finally dulls.

Feeds Easier - Cuts Freer

Result? Simonds new "F-34" Hard Edge Narrow Band Saw feeds easier, cuts freer and smoother, stays sharp far longer, can materially reduce band sawing costs.

Handles Wide Range of Materials

Ideal for cutting all types of wood, this new design blade works particularly well on plywood, laminates and composition materials. Standard widths and toothing, as listed, available from stock.



Note deep, open gullet to handle greater chip load, and tooth hook that makes feeding easier.

STANDARD STOCK SIZES

Width	Thickness	Teeth Per Inch	
1/4"	.025	—	4
3/8"	.025	3	4
1/2"	.025	3	4
3/4"	.032	3	—
1	.035	3	—

Furnished in 250' Coils or Welded-to-Length

SIMONDS *New Chrome Plated* SI-CLONE[®] SAWS

For Shipping Departments, Contractors, Home and School Workshops,
and Small Industrial Machines

Furnished up to 12" diameter for use on Table, Radial Arm and Portable Electric
Handsaw Machines.

Made of Simonds Electric Furnace Saw Steel, scientifically heat-treated and accurately ground, these high quality saws are expertly fitted and given a hard, rust-resistant chrome plated finish. These edge-holding, fast cutting saws come in standard stock sizes with round or special shape centerhole and are guaranteed to fit and give satisfactory service on all popular makes of machines.



ORDER BY SIMONDS CATALOG NO.

**Reference
Table
ROUND
CENTER
HOLES
SAWS**

**THAT FIT ALL
ROUND ARBOR
MACHINES**

Diameter	Hole Size	Type Blade, Number of Teeth and Catalog No.									
		RIP	CUT-OFF		COMBINATION					DADO	
			Regular	Fine Tooth	No. 60	No. 52	No. 54	No. 88 Plywood	Planer	Set No. 3	
6"	*5/8"-1/2"	36 61-10430	100 61-19830	150 61-22250	16 61-13880	44 61-14130	—	61-12730	—	61-22930	—
	5/8"	—	—	—	—	—	—	—	—	61-26030	—
7"	*5/8"-1/2"	36 61-11030	100 61-20630	200 61-22480	20 61-15630	44 61-15830	—	61-12930	—	61-23730	—
	5/8"	—	—	—	—	—	—	—	—	—	—
8"	*5/8"-1/2"	36 61-11430	100 61-21030	150 61-21330	200 61-22630	20 61-16580	44 61-16680	61-12330	61-13030	180 61-18205	61-24230
	5/8"	—	—	—	—	—	—	—	—	—	61-26150
	3/4"	36 61-11530	—	—	—	44 61-16730	—	61-13130	—	61-24330	—
9"	*5/8"-1/2"	36 61-11830	100 61-21630	—	—	44 61-17630	61-12430	61-13230	—	61-24630	—
	5/8"	—	—	—	—	—	—	—	—	—	—
10"	*3/4"-5/8"	36 61-11930	100 61-21730	150 61-21830	300 61-22690	24 61-17770	44 61-17830	61-12530	61-13330	216 61-18210	61-24730
	5/8"	36 61-11880	100 61-21710	150 61-21810	—	44 61-17810	61-12480	61-13280	—	61-24680	—
	3/4"	—	—	—	—	—	—	—	—	—	—
12"	*1"-3/4"	36 61-12130	100 61-21930	150 61-22030	—	44 61-18130	61-12630	61-13430	—	61-24930	—
	1 1/8"	36 61-12230	—	—	—	—	—	—	—	—	—

*Bushed

... Also furnished with Round or Special Shape Center Hole for Use on the Most Popular Makes of Portable Electric Hand Saws:

ROUND

Black & Decker • Bradford • Dormeyer
Millers Falls • Milwaukee • Porter Cable
Ram • Sears, Roebuck • Sioux • Speed-
way • Stanley • Syntron • Ingersoll-
Rand • Disston • Sunbeam • Remington

SQUARE

Mall • Maxaw
Wappat
Portable
Electric Tools

UNIVERSAL

Designed to fit all Dia-
mond Arbor Machines,
also 5/8" and 1/2" Round
Arbor Machines with
bushing furnished.

OBLONG

Cummins

Complete List of Saw Types, Specifications and Part
Nos. for various machines are included in CATALOG
"B" ... FREE COPY available on request.

SIMONDS
SAW AND STEEL

SIMONDS CROSS-CUT SAWS

Made with plenty of side clearance for fast, easy cutting, these edge-holding saws are outstanding favorites with farmers, ranchers, contractors, camp owners, park departments, loggers, public utilities, shipyards, bridge builders and home owners. Handles and sharpening tools are also available.



No. 325 This narrow, sway back saw cuts fast and easy ... is the most popular saw made for cutting softwoods. A four cutter design with plenty of side clearance, it requires very little set. Crescent ground ... individually packaged ... ready to use. Supplied in 5', 5 1/2' and 6' lengths.

No. 133 Medium wide with a sway back, this four cutter saw has a radius designed for a natural, easy stroke ... is a popular saw for cutting softwoods. Crescent ground ... individually packaged ... ready to use. Supplied in 5 1/2' and 6' lengths.

No. 324 This four cutter saw is medium wide with a straight back. Heavy gauge, it has ample stiffness for cutting soft, large butt, swamp grown timber. Crescent ground ... individually packaged ... ready to use. Supplied in 6' and 7' lengths.



No. 200 Medium wide with a straight back, this saw has two cutting teeth to each raker and is recommended for general purpose use. Taper ground ... ready to use. Supplied in 5', 5 1/2', 6' and 7' lengths.

No. 0214 This narrow, hollow back, four cutter saw is especially suited for cutting small timber and pulpwood. Taper ground ... ready to use. Supplied in 5', 5 1/2' and 6' lengths.

No. 214 Designed for general purpose cutting of softwoods on farm, ranch and camp, this narrow, hollow back saw has four cutting teeth to each raker. Flat ground ... ready to use. Supplied in 5', 5 1/2' and 6' lengths.



No. 225 This is a general utility one-man saw designed for use around camps, farms and ranches and for contractors cutting poles and pulpwood. Fast cutting, it works especially well in hardwood and frozen timber. Flat ground ... ready to use. Furnished in 3', 3 1/2', 4' and 4 1/2' lengths.

No. 348 DOCKING SAW This docking or framing saw is handy for cutting off ends of boards and planks around shipyards and docks as well as for house-framing and the farm woodyard. Taper ground with bevel filed teeth, 4 1/2" points to the inch, it is made in 30-inch length only and comes with a metal handle to withstand abuse.

SIMONDS
SAW AND STEEL
DIVISION
WALLACE-MURRAY CORPORATION

"RED TANG"
FILES
AND RASPS

SAW SHARPENING and MACHINISTS FILES

Type	Shape and Cut	Length
Aluminum:	Flat, Half Round	6" 8" 10" 12"
Auger Bit		7"
Bandsaw Blunt:	Regular Single Cut, Regular Double Cut, Slim Single Cut, Slim Double Cut	6" 8"
Brass:	Half Round	8" 10" 12"
Cant Saw:	Single Cut, Double Cut	6" 7" 8" 10"
Chain Saw, Round:	$\frac{3}{16}$ ", $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{9}{32}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ "	8"
Chain Saw, Square		6"
Chain Saw, Narrow Mill:	$\frac{5}{8}$ ", No. 3084	8"
Chain Saw, Beveled Edge:	No. 4680	7"
Cross Cut, Great American:		
	Single Cut, Double Cut	6" 8" 10"
Cross Cut, Special:	Single Cut, Double Cut	6" 7" 8" 10"
Dado		10"
Doctor Blade:	Second Cut, No. 381	14"
Double Enders:	Single Cut, Double Cut	6" 7" 8" 9" 10"
Flat:	Bastard	4" 6" 8" 10" 12" 14" 16" 18"
Flat:	Second Cut, Smooth	4" 6" 8" 10" 12" 14" 16"
Foundry:	Flat, Half Round	8" 10" 12" 14"
Gullet, Special		8" 10"
Half Round:	Bastard	4" 6" 8" 10" 12" 14" 16"
Half Round:	Second Cut	4" 6" 8" 10" 12" 14"
Half Round:	Smooth	4" 6" 8" 10" 12" 14" 16"
Hand:	Bastard, Second Cut, Smooth	6" 8" 10" 12" 14"
Hand Saw, Special		5 $\frac{1}{2}$ " 6" 7"
Knife:	Bastard, Second Cut, Smooth	4" 6" 8" 10"
Lead Float:	Flat, Half Round	8" 10" 12"
Long Angle Lathe		10" 12" 14"
Mill:	Bastard Single Cut, Double Cut	4" 6" 7" 8" 10" 12" 14" 16"
Mill:	Second Cut Single Cut, Double Cut, Smooth Single Cut, Double Cut	4" 6" 8" 10" 12" 14"
Mill:	Bastard, 1 Round Edge Single Cut, 1 Round Edge Double Cut	6" 8" 10" 12"
Mill:	Bastard, 2 Round Edges Single Cut, 2 Round Edges Double Cut	6" 8" 10" 12"
Multi-Kut:	Flat, Half Round, Square	8" 10" 12" 14"
Narrow Band Special:	No. 2	8"
Narrow Band Special:	No. 3, No. 456	6" 7"
Pillar:	Bastard	6" 8" 10" 12"
Pillar:	Second Cut, Smooth	6" 8" 10"
Round:	Bastard	4" 6" 7" 8" 10" 12" 14" 16"
Round:	Second Cut, Smooth	4" 6" 8" 10" 12" 14"
Saw Bit, Special		8"
Square:	Bastard	4" 6" 8" 10" 12" 14" 16"
Square:	Second Cut, Smooth	4" 6" 8" 10" 12" 14"
Taper:	Regular Single Cut, Double Cut	6" 7" 8" 10"
Taper, Slim:	Single Cut, Double Cut	4" 5" 6" 7" 8" 10"
Taper, Extra Slim:	Single Cut, Double Cut	4" 5" 5 $\frac{1}{2}$ " 6" 7" 8"
Taper, Double Extra Slim:		
	Single Cut, Double Cut	4" 5" 6" 7" 8"
Three Square:	Bastard	6" 8" 10" 12"
Three Square:	Second Cut, Smooth	6" 8" 10"
Warding:	Bastard	4" 6" 8" 10" 12"
Warding:	Second Cut, Smooth	4" 6" 8" 10"

WOOD FILES and RASPS

Cabinet Rasp:	Second Cut	6" 8" 10" 12" 14"
Cabinet Rasp:	Smooth	8" 10" 12"
Cabinet File:	Half Round	8" 10" 12"
Horse Rasp Plain, Half File:	Regular	12" 14" 16"
Horse Rasp Plain, Half File:	Slim	16" 18"
Horse Rasp, Tanged:	Regular	14" 16"
Race Trak Rasp, Tanged		14"
Race Trak Rasp, Slim		18"
Shoe Rasp:	Half Round	8" 9" 10"
Wood File:	Flat, Half Round	8" 10" 12" 14"
Wood Rasp, Flat:	Bastard	8" 10" 12" 14"
Wood Rasp, Half Round:	Bastard	6" 8" 10" 12" 14" 16"
Wood Rasp, Half Round:	Smooth	8" 10" 12"

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